

[Link to WCNR-Ethiopia: Secondary Cities](#)



WCNR-Ethiopia

STRATEGIC ALLIANCE

HOME

ABOUT

PROJECTS

RESOURCES

PARTNERS

CONTACT



Secondary Cities: Building Local Capacity in Geospatial Technologies and Applications through Training, Education and Stakeholder Participation in Mekelle, Ethiopia

Dr. Paul Evangelista (PI)

This project is a partnership between the **Natural Resource Ecology Laboratory (NREL)** at CSU, the **Institute of Geo-Informatics and Earth Observation Sciences (I-GEOS)** at Mekelle University (MU), and the City Water Administration for Mekelle, Ethiopia. CSU is the lead organization for the project entitled *Building Geospatial Networks for Mapping Infrastructure, Land-use and Water Resources in Mekelle, Ethiopia*, with the support and collaboration of the US Department of State's Office of Space and Advanced Technology (OES/SAT) and Humanitarian Information Unit (HIU), **Secondary Cities Project**. Contributors at CSU include Paul Evangelista (PI), Amanda West, Nicholas Young, Gabriel Senay, Ryan Anderson, and Cara Steger; additionally, Melinda Laituri is the PI for the

Secondary Cities Project. Partners at MU include Daniel Teka, Mulubrhan Balehgn, Mitiku Gabrehiwot Tesfaye, Amina Abdelkadir, Mulugeta Sebbatheab, and Fikur Yifter. The Mayor of Mekelle, Ato Daniel Asseffa, is the primary representative and partner from the City Water Administration.




The goal of the proposed project is to build local capacity in geospatial technologies and applications through training, education and stakeholder participation. Partnerships between the Mekelle University, Mekelle City Water Administration and Colorado State University will foster in open source geospatial sciences, develop high-priority local and regional geospatial datasets, and greatly improve data accessibility by a wide variety of end-users.

[Link to Ethiopia GIS Workshop Materials/Lessons](#)

Geospatial Lessons and Applications in Natural Resources

Online resources for Ethiopian practitioners


NATURAL RESOURCE
ECOLOGY LABORATORY

Home

Concepts ▾

Lessons ▾

Applications ▾

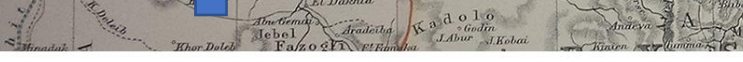
Resources ▾

Partners

About Us

Login

Welcome



Welcome to the Geospatial Training and Applications website! This website was created to provide training, resources and support in geospatial sciences for land managers, researchers, teachers and students in Ethiopia. As part of the Warner College of Natural Resources - Ethiopia Strategic Alliance, our goal is to provide web-based training opportunities for independent and self-paced learning that will foster sustainable management and conservation of Ethiopia's natural resources.

The content of this website will focus on mapping tools and methods, particularly Global Positioning Systems (GPS), Geographic Information Systems (GIS), satellite remote sensing, and geospatial modeling. Information will be presented in a variety of formats that include a series of training lessons, quick "how-to" guides, downloadable datasets and links to other informative websites. In some cases, we request website users to register and provide feedback on the information presented. This allows us to assess the information presented to ensure that we are developing the best educational materials to meet the needs of natural resource managers in Ethiopia.

It is the responsibility of all website users to supply any hardware, software and equipment used in the training. Any use of trade, product or firm names is for descriptive purposes only and does not imply endorsement by Colorado State University or the project's supporters. All data and training content on this website is intended for educational purposes only.

